Air Force *Contracting* Information Systems (AFCIS)

FRB VTC
14 March 2001

U.S. AIR FORCE

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Hardware Upgrades/Enhancements

- All funding is through AFCIS for FY01-03
- Starting with FY04, MAJCOMS are responsible for funding desktop and laptop computers
- PC Life Cycle is four years
- We do not accept "brand name" requests
  - Use SSG BPA for all purchases
- Monitors will not be purchased under tech refresh unless great justification is provided
- Priority is to replace all IDP Systems First

FY01 Purchases

- PC Buys
  - Tech Refresh (Get Rid of IDPs)
  - New PCs for AMC
  - New Buys to satisfy manpower plus ups
- Tech Upgrade (Micron & IDP Servers) (Needed for V4.2)
  - Apps File Servers
  - Database IDP Servers
  - UPS Replacements/New UPS for Apps File Servers
- STATUS
  - 19 Servers bought and shipped
  - 56 More IDPs for DB to Replace, 73 Microns for SPS-I; Estimated Buy Date Apr 01
  - New Tape Drives bought for all systems
  - 1110 PCs bought so far; still need 3 sites to input their data to the tracking spreadsheet: Copenhagen, Stavenger, Vance—estimate > 75 PCs total to buy
- Total Planned Expenditures for FY01 = $5.05M

Old Configuration

EDA Application Server

Micron Client Pro 450

- single 450 MHz processor
- 384 Mbyte memory
- 18 Gbyte hard drive
- MS Word

15 Users
Or Less

Micron NetFrame 6200

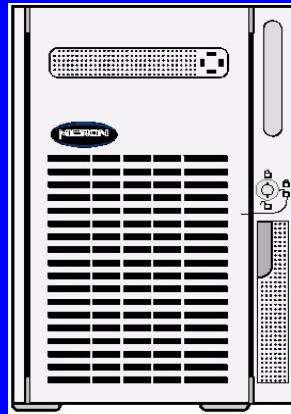
- single 500 MHz processor
- 512 Mbyte memory
- Three 9 Gbyte
  hard drives
- MS Word

Greater than
15 Users

OR

New Configuration

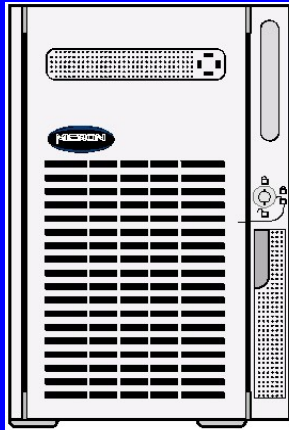## EDA Application Server & SPS-I Server Combined

- Dual 700 MHz processors
- 1 Gbyte memory
- Six 18 Gbyte hard drives (10k RPM)
- Read/Write CD
- MS Word

Waves 11-14 have this configuration in the Micron flavor; Waves 1-10 will have a similar configuration from a different manufacturer.

IDP Replacement Configuration

Micron DataFrame 450

Micron NetFrame 6200

- Dual 700 MHz processors
- 2 Gbytes memory
- Six 18 Gbyte hard drives
- Extreme RAID
- NT 4.0 Server

- Eight 18 Gbytes hard drives

Greater than 100 Users

Waves 11-14 have this configuration in the Micron flavor; Waves 1-10 will have a similar configuration from a different manufacturer.
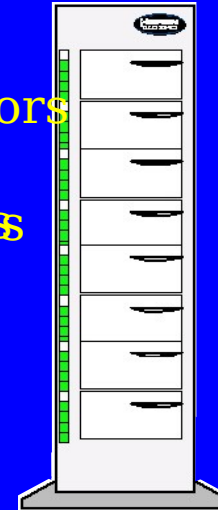
FY02 Purchases

- Tech Refresh/Meet V4.2 Requirements
  - 34 Micron Database Servers
  - May be able to get away with upgrades, can't determine until we get V4.2 for in-house testing and see what it really takes to run it
  - 34 Uninterruptible Power Supply Replacements
- New Purchase - MWS/Logistics – Version 5.x Costs
  - 13 Application Servers w/software
  - 13 Database Servers w/software
  - 13 UPS Systems for Servers
  - Two Items
    - Purchase may be in FY03 if V5.x suffers too many delays
    - Purchase may not happen at all if we centralize servers
  - 2,600 PCs
- Total Planned Expenditures for FY02 = $5.32M

FY03 Purchases

- Tech Refresh;
  - 800 Micron PCs (1999 purchase)
  - 200 Assorted PCs (1999/2000), bought by local PKs, not AFCIS
  - Some may only need memory upgrades
- Two Training Kits Refreshed
- Distribute Laptops from other Training Kits to MAJCOMs
- Total Planned Expenditures for FY03 = $1.77M

Centralized vs Decentralized Servers

- Currently Operating in Decentralized Mode
  - Suitable for SPS V4.1x Architecture
  - Base Contracting Data Available at Base—not susceptible to AF Network outages; if base LAN is up, you can get to the data
  - Expensive to maintain; 105+ sites with Apps and DB Servers
  - Takes out-of-hide manning at each unit to run
  - Creates extra training needs

Centralized vs Decentralized Servers

- Looking at Centralizing Database Operations
  - Scale down to 3-5 locations
  - Much cheaper to maintain, both in terms of hardware replacement and software/hardware configuration management
  - V5.0 Architecture easily lends itself to Centralization
  - Puts 1102s back doing 1102 work instead of being SysAdmins
  - AF/SC is pushing to Centralize ALL Servers at MAJCOM level
  - Susceptible to AF Network outages; have to really work on Contingency of Operations plans, Service Level Agreements, etc.

4.1e Testing and PFX

- All S/W Write-Ups Corrected (excluding ABSS)
  - 23 S/W Write-Ups
  - 6 Documentation Write-Ups (2 Pending)
- ABSS Changes In Testing
  - 2 ABSS S/W Write-Ups
  - 1st SPS-I ABSS RC Returned for Rework
  - 4 Additional SPS-I S/W Write-Ups
  - ABSS Corrections Expected Week of 19 Mar
- 4.1E PFX Contest
  - Persons Who Guess The Date Closest To Real PFX Date Will Be Guaranteed To Win A Seat At The PFX

4.2 Testing

- PD2 Testing On-Going
- Participate in Upgrade Eval – Mar 19-30
- SPS-I RC02 Integrated Test – 2 Apr - ?

Reduced AMS Support

- **PROBLEM:** Funding shortfall for AMS support
- **PARTIAL SOLUTION:**
  - Reduce on-site support IAW MAJCOM instructions
  - Transition from GSA contract to PMO contract
- **RESULT:** Estimated cost reduction of $816K
- **FORECAST:** AFCIS has an estimated $900K for AMS support for period Jan 2002 – Sept 2002

Integrity@SPS Release Vote

- On Feb 23 the proposed Integrity release for 0.8b was sent out for review
- AQCK had requested we vote at this FRB on following:

Integrity@SPS Release Vote

Requirement	Priority	Title
2000-0013	3	Link Documentation
2000-0025	2	DFAS Report — Identify Price Changes
2000-0033	2	DIGS/TIGS Report
~~2000-0041~~	~~1~~	~~Incorporated Summary Reporting Access Database~~
2001-0002	2	Add New Section to DFAS Report
2001-0004	2	Reporting Actions of Closed out Contracts
2001-0005	3	Update Program in .ini File
2001-0006	2	Activity Based Costing Report
2001-0008	3	Syntax Error in Award Validation